



# Center for Atmospheric And Climate Sciences

Environmental Engineering Division  
Department of Civil Engineering, IIT Madras



**Dr. Dhivakar G**

MS - 2010-2013

Ph.D. -2013- 2019

**Advisor**

Prof. Ravikrishna R

## Present status

I am currently working as an Assistant Professor in the Department of Chemical Engineering at Anna University. My academic focus is on integrating sustainable technologies into chemical engineering education and research

## About Me

I completed my doctorate at IIT Madras in 2019, specializing in the fate and transport of contaminants in porous media. I worked as an ad-hoc faculty at NITK Surathkal for six months and later pursued a postdoctoral research position as part of a collaborative project between IIT Madras and RWTH Aachen, Germany, for three years. During this time, I also served as a technical lead at Samudhyoga Waste Chakra, a start-up focused on pyrolysis of waste plastics. I joined Anna University as an Assistant Professor in 2023.

## Research Interest

- My current research spans salt removal from textile wastewater, conversion of plastic waste to fuel using pyrolysis, recovery of nutrients from wastewater, activated biochar development, and simulation of contaminant fate in soils.
- I am also exploring chlorine recovery from pyrolysis, separation of monovalent/divalent salts in saline streams, and sustainable process design.

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